

AMENDMENTS TO THE CLAIMS

Claims 1-6 (Canceled)

Claim 7 (Currently Amended) A noncontact information medium comprising:
a first coil formed by at least one turn of a conductor, at least a part of which is cut off;

a capacitor that forms a resonance circuit together with the first coil; and
a control circuit that controls information transmitted to and received from a reader-writer, wherein

~~the first coil has at least a part of said at least one turn of the conductor cut off~~
the first coil has an inductance for making a resonance frequency of the resonance circuit higher than a frequency of electromagnetic waves transmitted from the reader-writer when only the noncontact information medium is present near the reader-write, and

the first coil generates an inductance for making a resonance frequency of the resonance circuit equal to a frequency of electromagnetic waves transmitted from the reader-writer when a plurality of other noncontact information media having a substantially similar configuration as the noncontact information medium are present close to the reader-writer.

Claim 8 (Canceled)

Claim 9 (Canceled)

Claim 10 (Currently Amended) The noncontact information medium according to claim 7, further comprising:

at least one auxiliary card having a second coil substantially equal in inductance to the first coil, wherein

the first coil generates an inductance for making a resonance frequency of the resonance circuit equal to a frequency of electromagnetic waves transmitted from the reader-writer when ~~a plurality of~~ said at least one auxiliary card having the second coils are coil is present close to the reader-writer.

Claim 11 (Previously Presented) The noncontact information medium according to claim 7, wherein
the first coil is arranged around the control circuit.

Claim 12 (Previously Presented) The noncontact information medium according to claim 11, wherein
the first coil includes said at least one turn of the conductor around the control circuit.

Claim 13 (canceled)

Claim 14 (Previously Presented) The noncontact information medium according to claim 11, wherein
the first coil includes a plurality of turns of the conductor around the control circuit.

Claim 15 (Canceled)

Claim 16 (Currently Amended) A communication system that holds a radio communication using electromagnetic induction, the communication system comprising:
a plurality of noncontact information media each including
a coil formed by at least one turn of a conductor, at least a part of which is cut off;
a capacitor that forms a resonance circuit together with the coil; and
a control circuit that controls transmission and reception of information via the resonance circuit; and
a reader-writer that supplies power to the noncontact information media, transmits data to the noncontact information media, and receives data transmitted from the noncontact information media,
wherein
the coil has an inductance for making a resonance frequency of the resonance

circuit higher than a frequency of electromagnetic waves transmitted from the reader-writer when only the noncontact information medium is present near the reader-writer, and

the coil generates an inductance for making a resonance frequency of the resonance circuit equal to a frequency of electromagnetic waves transmitted from the reader-writer when a plurality of other noncontact information media having substantially similar configuration as the noncontact information medium are present close to the reader-writer.

Claim 17 (Currently Amended) A communication system that holds a radio communication using electromagnetic induction, the communication system comprising:

a noncontact information medium including

a first coil formed by a conductor₁ at least a part of which is cut off;

a capacitor that forms a resonance circuit together with the first coil; and

a control circuit that controls transmission and reception of information via the resonance circuit;

an auxiliary card having a second coil substantially equal in inductance to the first coil of the noncontact information medium; and

a reader-writer that supplies power to the noncontact information medium, transmits data to the noncontact information medium, and receives data transmitted from the noncontact information medium₁

wherein

the first coil generates an inductance for making a resonance frequency of the resonance circuit equal to a frequency of electromagnetic waves transmitted from the reader-writer when the auxiliary card with the second coil having substantially same inductance as that of the first coil is present close to the reader-writer.